

Date: Fri, 16 Apr 93 19:32:02 PDT  
From: Ham-Policy Mailing List and Newsgroup <ham-policy@ucsd.edu>  
Errors-To: Ham-Policy-Errors@UCSD.Edu  
Reply-To: Ham-Policy@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Policy Digest V93 #100  
To: Ham-Policy

Ham-Policy Digest                      Fri, 16 Apr 93                      Volume 93 : Issue 100

Today's Topics:

                    10meters (Give it to CB) (2 msgs)  
                    1500 watts too much? (3 msgs)  
    EME absolutely needs 1500 watts? (was Re: 1500 watts too much?)  
                    Just waiting the OFs out  
                    New question pool  
                    Welcome to rec.radio.info!

Send Replies or notes for publication to: <Ham-Policy@UCSD.Edu>  
Send subscription requests to: <Ham-Policy-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Policy Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-policy".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 16 Apr 93 16:14:48 GMT  
From: ogicse!hp-cv!hp-pcd!hpcvca!hpcvcc1.cv.hp.com!scott@network.UCSD.EDU  
Subject: 10meters (Give it to CB)  
To: ham-policy@ucsd.edu

bly@btree.uucp (Roger Bly) writes:

:  
: It can be easily argued that the problems with that band have  
: to do with the psychology of too many people in too small a space and poor  
: band location.

Too many people in too small a space is the cause of many of today's  
problems, be it radio, cities, parks, backcountry recreation, etc.

Expect even more of the same to come.

--

Scott Linn  
scott@hpcvcc1.cv.hp.com

-----  
Date: 16 Apr 93 22:33:46 GMT  
From: hp-cv!hp-pcd!hpcvaac!billn@hplabs.hpl.hp.com  
Subject: 10meters (Give it to CB)  
To: ham-policy@ucsd.edu

bly@btree.uucp (Roger Bly) writes:

: stated this intent. That is great, but I think we all would like to see some  
: spectrum remain focused on experimentation, public service, etc. I would  
: rather the new citizen bands be new allocations, but would settle for 10m,  
: etc. being reallocated to CB.

Why 10m? You would just have the same problems that occur on the current  
11m band. It should be put up around 700Mhz - where skip is not a real  
problem. After all, CB is supposedly for local communication.

: Remember that the FCC's charter is to "allocate radio spectrum in the greater  
: public's interest...". I think the allocations for public service, business,  
: broadcasting, cellphones, LEO, DBS, amateur, etc. make a lot of sense.  
: However, the allocations for military are much too large, and those for  
: citizen's band are too small. They just don't follow that charter.  
: Everyone I've talked to at the FCC and Congress agrees that there needs to  
: be a change in these areas in this the "decade of mobile communications".

Ten or twenty years ago, during the CB craze, this would have been true.  
Now, DB is not used nearly as much. If I had my way, I would phase out  
11 meters over a period of 10 years or so and reassign CB to a UHF band.

: These proposed citizen's bands would not be anything like the 11m band we  
: have today. It can be easily argued that the problems with that band have  
: to do with the psychology of too many people in too small a space and poor  
: band location.

A lot of it was due to the band - 11 meters. It would not have been nearly  
as popular, nor would there have been all the amplifier problems, if skip  
did not exist on the band.

: >And as to your fondness for talking with the "bootleggers", they are not in  
: >the amateur radio service. Your license doesn't permit you to broadcast,  
: >or to communicate with other radio services. (except in the case of an  
: >emergency, of course.)  
:  
: In the name civil disobedience, I'll risk it. :->

It's your neck.

Bill

-----  
Date: 16 Apr 93 01:35:13 EDT  
From: news.cerf.net!pagesat!spssig.spss.com!uchinews!linac!uwm.edu!  
zaphod.mps.ohio-state.edu!darwin.sura.net!udel!news.intercon.com!psinntp!  
arrl.org@network.UCSD.EDU  
Subject: 1500 watts too much?  
To: ham-policy@ucsd.edu

In rec.radio.amateur.policy, bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:

>|> p.s. care to include EME as legitimate use of power?

>

>NO. What possible purpose does it serve other than as a silly game??

>

>NASA did it years ago. What does it accomplish today?? What practical

>use does it provide?? What are you learning that wasn't learned in the

>60's?? It makes about as much sense as using 1500 watts to talk to a

>normally un-inhabited piece of rock in the Pacific Ocean just because

>somebody with money to burn stopped his boat there.

Actually, because EME work is so close to the edge of working/not working, it becomes an excellent way of testing antenna and receiver technology. It's my opinion that long boom 2 meter and 432 MHz antenna design has progressed because people are using EME. And, because you want both sides of the link to improve, EME types often \*share\* their work, resulting in an exceptional rate of progress. The third Antenna Compendium has an article by Steve Polishen, K1FO, well worth reading by anyone interested in the process of design. Not just EME types benefit, because computer models that are proven to work on big antennas often work just as well on smaller ones.

Contrast that to say, 2 meter FM repeater controllers or antennas optimized for repeaters (down-tilt, anyone?). I don't see a lot of people devoting hundreds of hours to really great work--and then giving it away like some EME types. (We now pay a little per page, which is like getting free admission for donating a kilobuck to a museum.).

Actually, while I'm on this soapbox.... ever notice how much technical material is written by contest types such as myself? Would this go away if there were no contests? I have to admit that a \*lot\* of stuff gets finished just in time for the contest.

When can I expect to see the flood of great technical articles  
by those not into contests? Should be pretty easy, considering  
what a small minority contesters are.

Zack Lau KH6CP/1

.Internet: zlau@arrl.org "Working" on 24 GHz SSB/CW gear  
Operating Interests: 10 GHz CW/SSB/FM  
US Mail: c/o ARRL Lab 80/40/20 CW  
225 Main Street Station capability: QRP, 1.8 MHz to 10 GHz  
Newington CT 06111 modes: CW/SSB/FM/packet  
amtor/baudot  
Phone (if you really have to): 203-666-1541

-----  
Date: 15 Apr 93 13:40:19 GMT  
From: noao!asuvax!cs.utexas.edu!swrinde!elroy.jpl.nasa.gov!usc!@arizona.edu  
Subject: 1500 watts too much?  
To: ham-policy@ucsd.edu

In article <C5ECqK.Hr3@athena.cs.uga.edu>, mcovingt@aisun3.ai.uga.edu (Michael Covington) writes:

> In a recent issue of \_RF Design\_ there was a letter from an engineer who  
> feels that, now that EMI susceptibility is becoming a real concern of the  
> industry (hooray!), the amateur radio 1500 watt limit should be lowered.  
>  
> His rationale is that it's simply unreasonable to expect consumer electronic  
> gear to work properly right next to a 1500-watt radio station. He feels  
> 1500 watts is simply too much to use in a residential area.  
>  
> What do you all think?  
>

I think that if this is a reasonable assumption, then we should shut down all  
of the broadcast transmitters that are built in the vicinity of residential  
areas. Almost all of the run well in excess of 1.5kw.

-----  
John Rice - K9IJ | "Did I say that ?" I must have, but It was  
rice@ttd.teradyne.com | MY opinion only, no one else's...Especially  
(708)-940-9000 - (work) | Not my Employer's.... Licensed since 1959  
(708)-438-5065 - (bbs ) | Ex: K8YZR, KH6GHC, WB9CSP, W9MMB, WA1TXV  
-----

Date: 16 Apr 93 21:44:50 GMT  
From: hayes!bcoleman@uunet.uu.net  
Subject: 1500 watts too much?  
To: ham-policy@ucsd.edu

In article <C5EH3y.Is1@acsu.buffalo.edu>, v111qheg@ubvmsb.cc.buffalo.edu  
(P.VASILION) writes:

>  
> Other than beating raging pile-ups over the rarest DX during low  
> sunspot numbers and during contests, you shouldn't need to use QRO. 100 watts  
> and a dipole or a tribander is more than adequate for local (national)  
> QSO's and most DX contacts.

Tsk, tsk. Such narrow thinking.

You have to remember that there's more to amateur radio than the bands between  
1-30 MHz.

Let's see you try to work moonbounce with that same 100 watts. It can be done,  
but it is much more difficult.

Also, try that 100 watts on 80 or 160 where the noise level is much higher.  
Extra power can help in some cases.

PS -- I don't own an amplifier, nor do I run more than 100 watts at my  
station. But I'm open to the idea that there are some instances when 1500  
watts PEP could be quite useful.

--

Bill Coleman, AA4LR ! CIS: 76067,2327 AppleLink: D1958  
Principal Software Engineer ! Packet Radio: AA4LR @ W4QO  
Hayes Microcomputer Products, Inc. ! UUCP: uunet!hayes!bcoleman  
POB 105203 Atlanta, GA 30348 USA ! Internet: bcoleman%hayes@uunet.uu.net  
Disclaimer: "My employer doesn't pay me to have opinions."  
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

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Date: 16 Apr 93 15:26:50 GMT  
From: pa.dec.com!e2big.mko.dec.com!nntpd.lkg.dec.com!ryn.mro4.dec.com!  
cimfie.enet.dec.com!taber@decwrl.dec.com  
Subject: EME absolutely needs 1500 watts? (was Re: 1500 watts too much?)  
To: ham-policy@ucsd.edu

In article <1376@arrl.org>, zlau@arrl.org (Zack Lau) writes...

>  
>EME is certainly possible with 100 watts, even on 2 meters, if there  
>is a really big antenna on one end or you use one of the microwave

>bands.

How, exactly, do you use the microwave bands to do EME on 2 meters? ;-)

Sorry....

>>>==>PStJTT

-----  
Date: 16 Apr 93 12:55:48  
From: idacrd.ccr-p.ida.org!idacrd!n4hy@uunet.uu.net  
Subject: Just waiting the OFs out  
To: ham-policy@ucsd.edu

Surely this is exactly what you predicted would happen? I always believed strongly, from the beginning of my support for a NOCODE license, that after the person became a ham, the attraction of more priveleges would draw them to add code elements to the 'passed' column (notice I did NOT say upgrade ;-).

Bob

--  
-----  
Robert W. McGwier | n4hy@ccr-p.ida.org  
Center for Communications Research | Interests: amateur radio, astronomy, golf  
Princeton, N.J. 08520 | Asst Scoutmaster Troop 5700, Hightstown  
-----

Date: Fri, 16 Apr 1993 14:58:29 GMT  
From: saimiri.primite.wisc.edu!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!eff!  
news.byu.edu!ns.novell.com!jmessaging.NSD.Provo.Novell.COM!JMESSING@ames.arpa  
Subject: New question pool  
To: ham-policy@ucsd.edu

Does anyone know when the new question pools will start to be used or if they are available yet to get?

Thanks,  
Jeff M.

-----  
Jeff Messinger  
Internet: Jmessaging@novell.com  
Disclaimer: The opinions expressed here are solely mine.  
          Besides who else would want to claim them.  
-----

Date: Fri, 16 Apr 1993 14:14:00 MST  
From: hellgate.utah.edu!cs.utexas.edu!uwm.edu!zaphod.mps.ohio-state.edu!  
sol.ctr.columbia.edu!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!  
ve6mgs!rec-radio-info@@dog.ee.lbl.gov  
Subject: Welcome to rec.radio.info!  
To: ham-policy@ucsd.edu

Archive-name: radio/rec-radio-info/welcome  
Last-modified: \$Date: 1993/04/09 20:30 \$  
Version: \$Revision: 1.03 \$

\*\*\* Welcome to rec.radio.info! \*\*\*

Welcome to rec.radio.info, a group that aims to provide a noise-free source of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propagated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic)

doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:

```
    /Newsgroups:.*[ ,]rec\.radio\.info/h:j
```

either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:

```
    rec.radio.info:!s/:^
```

in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:

```
    sequence
    rec.radio.info
    rec.radio.
```

at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.\* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

-- OK, so now I know what 'moderated' means. Tell me more.



Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

- 1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.
- 2) Obvious discussion articles, or articles that appear unsubstantiated.
- 3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
sub address radio-info
unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

```
listserv@ucsd.edu
```

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

```
sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info
```

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:

- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotlampi <rko@cs.tut.fi>  
saved to /pub/dx/text/rec.radio.info currently stored as  
numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the

articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as timely.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:

rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl  
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us  
Paul W. Schleck, KD3FU pschleck@unomaha.edu  
Ian Klufft, KD6EUI iklufft@uts.amdahl.com

--

Mark Salyzyn -- Moderator rec.radio.info  
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca  
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca  
\* Requests for information do \*not\* belong in rec.radio.info \*

-----  
Date: 16 Apr 93 19:22:30 GMT  
From: spool.mu.edu!darwin.sura.net!udel!gvls1!rossi@decwrl.dec.com  
To: ham-policy@ucsd.edu

References <25@n3igw.PGH.PA.US>, <1993Apr14.172633.26551@leland.Stanford.EDU>,  
<N4HY.93Apr16125548@tang.ccr-p.ida.org>  
Subject : Re: Just waiting the OFs out

In article <N4HY.93Apr16125548@tang.ccr-p.ida.org> n4hy@tang.ccr-p.ida.org (Bob McGwier) writes:

>

>Surely this is exactly what you predicted would happen? I always believed  
>strongly, from the beginning of my support for a NOCODE license, that after  
>the person became a ham, the attraction of more priveleges would draw them  
>to add code elements to the 'passed' column (notice I did NOT say upgrade ;-).

I have only had close contact with 2 NOCODEs. One had been interested in radio/electronics in general for years but never got around to bother to learn the code. I "exposed" him to 2 meter FM about 18 months ago and told him about the new NOCODE license. He had his NOCODE license about 3 months later.

He got on the air immediately - but after about 2 months he started to get

bored with 2 meters. I gave him another demo and "exposed" him to 10 meters. Now, he is Extra class. He told me the other day that he \*NEVER\* would have gotten into ham radio if it weren't for the NOCODE license.

Now, the other guy - he got exposed to 2 Meter FM via the guy mentioned above. He passed his NOCODE test after only about 1 week of studying. He bought a Radio Shack HT, played with it for a few weeks ago and last I have heard he wants to sell it. He has lost interest and has no desire to continue.

So... NOCODEs can go both ways.

=====

Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company  
Valley Forge Engineering Center - Paoli, Pennsylvania

=====

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Date: 16 APR 93 14:28:59

From: pa.dec.com!e2big.mko.dec.com!dbased.nuo.dec.com!nntpd.lkg.dec.com!

ryn.mro4.dec.com!cimfie.enet.dec.com!taber@decwrl.dec.com

To: ham-policy@ucsd.edu

References <11947@prijat.cs.uofs.edu>, <-LVV5J0XZ@linac.fnal.gov>,

<11953@prijat.cs.uofs.edu>om

Subject : Re: 1500 watts too much?

In article <11953@prijat.cs.uofs.edu>, bill@triangle.cs.uofs.edu (Bill Gunshannon) writes...

>|> p.s. care to include EME as legitimate use of power?

>

>NO. What possible purpose does it serve other than as a silly game??

>

>NASA did it years ago. What does it accomplish today?? What practical

>use does it provide?? What are you learning that wasn't learned in the

>60's?? It makes about as much sense as using 1500 watts to talk to a

>normally un-inhabited piece of rock in the Pacific Ocean just because

>somebody with money to burn stopped his boat there.

>

I'm not trying to prove it can be done. I'm trying to prove that \*I\* can do it.

Ham radio isn't around just to create unique results. It's around (in part) for people to learn FOR THEMSELVES to experiment FOR THEMSELVES

and to gain technical competence. Sometimes you have to repeat classic experiments to learn something. Sometimes it's enough to do something for yourself and not for all of humanity. And sometimes, while repeating a classic experiment, you stumble on a new twist.....

Why 1500 watts? Why not? It's not like every ham is using 1500 watts all the time. Probably most never use it ever. Why cut the power limit? Just to satisfy some crank who wrote into RF Design? Or do you think the world will be substantively better if hams cut back? Cut back to what? The ham with a 600 watt amplifier will say 600 watts. The ham with no amp will say 150 watts. The QRP guys will point out that they (once in their life) hit half-way around the globe on 5 watts. Guess what the guy with the Alpha amp will say?

I say: let's stop looking over eachother's shoulders. Worry about your own operation and trust the other guy to worry about his. Leave the others to Feds and fortune.

>>>==>PStJTT

-----

Date: 16 Apr 93 15:32:52 GMT  
From: pa.dec.com!e2big.mko.dec.com!nntpd.lkg.dec.com!ryn.mro4.dec.com!  
cimfie.enet.dec.com!taber@decwrl.dec.com  
To: ham-policy@ucsd.edu

References <mwq52td@rpi.edu>, <1993Apr14.180351.3257@ryn.mro4.dec.com>,  
<1993Apr15.185548.6826@mnemosyne.cs.du.edu>com  
Subject : Re: re: 1500 watts

In article <1993Apr15.185548.6826@mnemosyne.cs.du.edu>, mwgordon@nyx.cs.du.edu  
(Mike Gordon) writes...

>>So you've spent \$200 per set of profit  
>>that should be sending the investor's kid through college to fix a  
>>problem that has small chance of occuring.

>  
[information about CC decoders deleted]

>  
> Do we need an FCC regulation change to make the manufacturers  
>include RF filters in their TVs and VCRs? I guess so.  
>

Yes. You do need an FCC regulation, and the reason, again, is economic. And again, we've seen it over and over in industry. Let's say everyone decided to agree that RFI suppression is a good thing. Let's say it cost an additional \$1 as in my previous posting. Can your company

afford to "Do The Right Thing" if nobody else does? That is to say, will your investors let you spend that million dollars worth of profit, or will they go invest in the competition who is passing the million on to the investors?

The only way to make a company spend the money on a Good Thing -- even if the company agrees it's good and even if the desperately want to do it -- is to make a law that requires ALL companies to do it. That removes that item as a competitive advantage. (And that's how we got seat belts into our automobiles.)

>>>==>PStJTT

-----

Date: 16 Apr 93 14:06:51 GMT  
From: ogicse!emory!swrinde!zaphod.mps.ohio-state.edu!uwm.edu!linac!newsaintmail@network.UCSD.EDU  
To: ham-policy@ucsd.edu

References <11947@prijat.cs.uofs.edu>, <-LVV5J0XZ@linac.fnal.gov>,  
<11953@prijat.cs.uofs.edu>wsaint  
Subject : Re: 1500 watts too much?

In article <11953@prijat.cs.uofs.edu> bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:

>In article <-LVV5J0XZ@linac.fnal.gov>, carlson@linac.fnal.gov (Kermit Carlson) writes:

>|> In article <11947@prijat.cs.uofs.edu> bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:>

>|> >Can anyone give a legitimate reason for using 1500 watts for a hobby??

>|> >

>|> >bill KB3YV

>|>

>|>

>|> You of course are telling me that my running 1.5K for EME is wrong...

>|>

>|> Kermit W9XA

>|> p.s. care to include EME as legitimate use of power?

>

>NO. What possible purpose does it serve other than as a silly game??

>

>NASA did it years ago. What does it accomplish today?? What practical

>use does it provide?? What are you learning that wasn't learned in the

>60's?? It makes about as much sense as using 1500 watts to talk to a

>normally un-inhabited piece of rock in the Pacific Ocean just because

>somebody with money to burn stopped his boat there.

>

>bill KB3YV  
>

Oh, I see you point much clearly. I shouldnt operate EME because its been done before!! Actually I do think that there is much more to be done. And if Im not incorrect, amateur EME predated the creation of NASA; the first government USE of EME also followed amateur experimentation.

But, what you are indicating in your argument is a belief that I am sure I will not be able to assuage. You have decidedly unitlaterally that EME, DX'ing and most other portions of the hobby have no merit. I cant argue with that, Mr. Gunshannon; you are begging the conclusion.

>--

>  
> Bill Gunshannon | "There are no evil thoughts, Mr. Reardon" Francisco  
> bill@cs.uofs.edu | said softly, "except one; the refusal to think."  
> | #include <std disclaimer.h>

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Date: 16 Apr 93 13:07:27 GMT  
From: ogicse!uwm.edu!linac!newsaintmail@network.UCSD.EDU  
To: ham-policy@ucsd.edu

References <11947@prijat.cs.uofs.edu>, <-LVV5J0XZ@linac.fnal.gov>,  
<RFM.93Apr14232311@urth.eng.sun.com>  
Subject : Re: EME absolutely needs 1500 watts? (was Re: 1500 watts too much?)

In article <RFM.93Apr14232311@urth.eng.sun.com> rfm@urth.eng.sun.com (Richard McAllister) writes:

>In article <-LVV5J0XZ@linac.fnal.gov> carlson@linac.fnal.gov (Kermit Carlson) writes:

>  
> You of course are telling me that my running 1.5K for EME is wrong...  
> p.s. care to include EME as legimate use of power?  
>

>As far as I know the figure of 1500 watts PEP descends from the old  
>1000 watts input-to-the-final standard, which was picked as a reasonably  
>round number via the Three Bears algorithm (10kW? Too Hot! 100W? Too Cold!  
>1kW? Just Right!) long before EME was worked on. Was it just a lucky  
>coincidence that the right power level for running EME was picked as  
>the limit, or could it be that if the limit had been, say, 500 watts  
>everybody would have just figured out how to add 3dB gain to their  
>EME antenna arrays and made it work anyway?

Well, my antenna has eight 28ft yagis with 42 feet of Rohn 25 tower as the cross member. Its nice to see that you think that it is more reasonable to add more.... As far as 3Db goes, actually I need far more than that to make my system capable of reliable EME contacts. As it is now, I have to wait until the path-loss, moon background noise give me a shot a beating the faraday-rotation loss. Sure I could duplicate the large 48-yagi systems in use but Im not sure I could \*REBUILD\* it every two years when the weather takes down the array (lets see 48 M/Squared yagis @ \$200 ea plus..) Actually the limit for EME should be at least 5KW. Remember, your "strained" argument against QRO is based on what your neighbor sees. If an EME antenna is working correctly, this will not be a problem.

>  
>(I considered redirecting followups back to .misc since this now  
>has technical content, but decided against it.)  
>  
>  
>--  
>Rich McAllister (rfm@eng.sun.com)

Great Rich, thanks for \*SAVING\* the argument. Actually my completions on EME have been few and far between with 1.5 K. Before you chastise me for using that much power you should try building a system large enough to hear your own echoes. The power, by itself, is not enough. There is really much more to it. But remeber the use of this power level is not immoral, illegal nor improper; and that is what the discusion concerns..

Kermit W9XA

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End of Ham-Policy Digest V93 #100

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